CLAIMS

1. A compound of formula (I) or a pharmaceutically acceptable salt thereof:

$$R^{a}$$
 Y C N R^{b} R^{c} R^{b}

in which Ra is a group of formula (i)

$$(R^1)_a$$
 p^1 (i)

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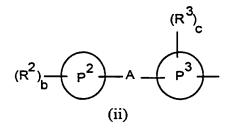
wherein P¹ is phenyl, naphthyl or heteroaryl;

R¹ is halogen, C₁₋₆alkyl, C₃₋₆cycloalkyl, COC₁₋₆alkyl, C₁₋₆alkoxy, hydroxy, hydroxyC₁₋₆alkyl, nitro, CF₃, cyano, SR⁶, SOR⁶, SO₂R⁶, SO₂NR⁶R⁷, CO₂R⁶, CONR⁶R⁷, OCONR⁶R⁷, NR⁶CO₂R⁷, NR⁶CONR⁷R⁸, CR⁶=NOR⁷ where R⁶, R⁷ and R⁸ are independently hydrogen or C₁₋₆alkyl; a is 0, 1, 2 or 3;

or Ra is a group of formula (ii)

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wherein

P² is phenyl, naphthyl, heteroaryl or a 5 to 7 membered heterocyclic ring;

25 P³ is phenyl, naphthyl or heteroaryl;

A is a bond or oxygen, carbonyl, CH₂ or NR⁴ where R⁴ is hydrogen or C₁₋₆alkyl;



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 R^2 is as defined above for R^1 in formula (i) or R^2 is heteroaryl optionally substituted by C_{1-6} alkyl, halogen or COC_{1-6} alkyl or is a 5 - 7 membered heterocyclic ring optionally substituted by oxo;

R³ is halogen, C₁₋₆alkyl, C₃₋₆cycloalkyl, C₁₋₆alkoxy, COC₁₋₆alkyl, hydroxy, nitro, CF₃, cyano, CO₂R⁶, CONR⁶R⁷, NR⁶R⁷ where R⁶ and R⁷ are as defined above; b and c are independently 0, 1, 2 or 3;

Y is a single bond, CH₂, O or NR⁵ where R⁵ is hydrogen or C₁₋₆alkyl; W is -(CR⁹R¹⁰)_t- where t is 2, 3 or 4 and R⁹ and R¹⁰ are independently hydrogen or C₁₋₆alkyl or W is a group -CH=CH-; R^b is hydrogen, halogen, hydroxy, C₁₋₆alkyl, CF₃, COC₁₋₆alkyl, cyano or C₁₋₆alkoxy; R^c is hydrogen or C₁₋₆alkyl; R^d and R^e are independently C₁₋₄alkyl.

- 15 2. A compound according to claim 1 in which R^a is a group of formula (i) wherein P¹ is phenyl.
 - 3. A compound according to claim 2 in which R¹ is halogen, C₁₋₆alkyl, nitro, CF₃ or cyano.
 - 4. A compound according to any of the preceding claims in which Y is CH2.
 - 5. A compound according to claim 1 in which R^a is a group of formula (ii) wherein A is a single bond, P³ is phenyl or naphthyl and P² is phenyl, pyridyl, pyrazinyl, oxadiazolyl, oxazolyl or piperidinyl.
 - 6. A compound according to any of the preceding claim in which W is -CH₂-CH₂- or -CH=CH-.
- 7. A compound according to any of the preceding claims in which R^c is hydrogen or methyl
 - 8. A compound according to any of the preceding claims in which R^d and R^e are both methyl.
 - 9. A compound according to claim 1 which is a compound E1 E73 (as described above) or a pharmaceutically acceptable salt thereof.
 - 10. A compound according to claim 1 which is

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cis-1-[(2-chloro-3-trifluoromethylphenyl)acetyl]-6-(3,4,5-trimethylpiperazin-1-yl)indole, cis-1-[(2-fluoro-3-trifluoromethylphenyl)acetyl]-5-methoxy-6-(3,4,5-trimethylpiperazin-1-yl)indoline,

cis-1-[(2,3-dichlorophenyl)acetyl]-6-(3,5-dimethylpiperazin-1-yl)-5-methoxyindoline

- 5 *cis*-6-(3,5-dimethylpiperazin-1-yl)-5-methoxy-1-[4-(2-methyl-6-(2-oxopyrrolidin-1-yl)pyridin-3-yl)benzoyl]-indoline,
 - cis-1-[(3-chloro-2-fluorophenyl)acetyl]-6-(3,5-dimethylpiperazin-1-yl)-5-methoxyindole, cis-1-[(2-fluoro-3-trifluoromethylphenyl)acetyl]-5-fluoro-6-(3,4,5-trimethylpiperazin-1-yl)indole,
- 10 cis-1-[2-chloro-3-(trifluoromethyl)phenyl)aminocarbonyl]-5-methyl-6-(3,4,5-trimethylpiperazin-1-yl)indoline or a pharmaceutically acceptable salt thereof.
- 11. A process for the preparation of a compound of formula (I) according to claim 1 or a pharmaceutically acceptable salt thereof which comprises:
 - (a) where Y is NH, coupling a compound of formula (II):

$$R^{a}-N-(C=O)$$
(II)

in which Ra is as defined in formula (I) with a compound of formula (III):

$$\begin{array}{c}
R^{d} \\
N \\
N \\
R^{b}
\end{array}$$
(III)

- 25 in which W, Rb, Rc, Rd and Re are as defined in formula (I); or
 - (b) where Y is NR⁵, reacting a compound of formula (IV)

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in which R^a and R⁵ are as defined in formula (I) with a compound of formula (III) as defined above together with an appropriate urea forming agent; or

(c) where Y is a single bond, CH₂ or O, reacting a compound of formula (V)

$$R^{a}$$
 -Y- (C=O) - L
(V)

in which R^a is as defined in formula (I) and L is an appropriate leaving group, with a compound of formula (III) as defined above; and optionally thereafter for process (a), (b) or (c):

- removing any protecting groups,
- converting a compound of formula (I) into another compound of formula (I),
- forming a pharmaceutically acceptable salt.

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12. A compound according to any one of claims 1 to 10 for use in therapy.

13. A compound according to any one of claims 1 to 10 for use in the treatment of depression.

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14. A pharmaceutical composition which comprises a compound according to any of claims 1 to 10 or a pharmaceutically acceptable salt thereof and a pharmaceutically acceptable carrier or excipient.

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15. A compound of formula (I) as defined in any one of claims 1 to 10 or a pharmaceutically acceptable salt thereof, for use in the treatment or prophylaxis of diseases or disorders where an antagonist of the 5-HT_{1B} receptor is beneficial.

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16. The use of a compound of formula (I) as defined in any one of claims 1 to 10 or a pharmaceutically acceptable salt thereof, in the manufacture of a medicament for the treatment or prophylaxis of diseases or disorders where an antagonist of the 5-HT_{1B} receptor is beneficial.